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Technical Data Sheet

Invision VX 5085UI-3380 BLACK



Thermoplastic Vulcanizate

Product Description

TPV Partially Crosslinked EPDM Rubber that is black in color.

Processing Method Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	0.907	g/cm ³	ASTM D792
Melt Viscosity, (190 °C, 295 sec ⁻¹ , Internal Method)	221	Pa·s	ASTM D3835
Mechanical			
Tensile Strength at Break, (Die C)	8.00	MPa	ASTM D412
Tensile Elongation at Break, (Die C)	440	%	ASTM D412
Tensile Modulus	5.23	MPa	ASTM D412
Tear Strength, (Method C, Crescent, 500 mm/min)	45.9	kN/m	ASTM D412
Hardness			
Durometer Hardness, (Shore A, 15 sec)	86		ASTM D2240
Additional Information			
Compression Set			
(70 °C, 22 hr)	63	%	ASTM D395
(20 °C, 22 hr)	40	%	ASTM D395